

APR 04 2005

Barrigar

Intellectual Property Law

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Our File No.: PF003/2587/US

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Date: 4 April 2005

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Re: US Patent Application No. 10/730,599
Filing Date: 8 December 2003
Attorney Docket: 08200/1200383-US1

Please find attached the following documents:

1. Transmittal Form;
2. Part B - Fee Transmittal Form and copy;
3. Change of Correspondence Address Form;
4. Recordation Form Cover Sheet;
5. Assignment (5 pages); and
6. PTO-2038 Credit Card Payment Form;

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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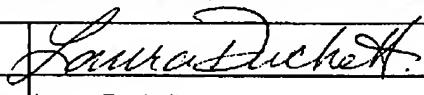
11

Application Number	10/730,599
Filing Date	8 December 2003
First Named Inventor	SHEN, John Jianyue
Art Unit	1772
Examiner Name	LONEY, Donald J.
Attorney Docket Number	08200/1200383-US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Assignment (5 Pages) Assignment Recordal Form PTO-2038 Credit Card Payment Form
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name  Signature Printed name: Robert H. Barrigar Date: 4 April 2005 Reg. No. 26,125		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	Laura Duckett
Date	4 April 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 04 2005

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

John Jianyue SHEN
Raymond BELANGER
Zuomin DONGExecution Date(s) 11 March 2005 and 22 March 2005Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

10730,599

 This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert H. Barrigar

Internal Address: _____

Street Address: Suite 290, 1675 Douglas Street

City: Victoria

State: British Columbia Zip: V8W 2G5

Phone Number: (250) 389-0387

Fax Number: (250) 389-2659

Email Address: email@barrigar.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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 Enclosed
 None required (government interest not affecting title)

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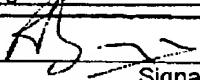
04/05/2005 BONNER 68000026 10730599

01 FC:0024 April 2005

Date

40.00 0P

9. Signature:



Signature

Robert H. Barrigar, Registration No. 26,125
Name of Person SigningTotal number of pages including cover sheet, attachments, and documents: 6Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PF003 2587 US
Attorney Docket No.: 08200/1200383-US1

ASSIGNMENT

WHEREAS WE, **SHEN, John Jianyue; BELANGER, Raymond and DONG, Zuomin**, (hereinafter collectively called the "Assignors"), whose full post office addresses are respectively 803 - 14188 103A Avenue, Surrey, British Columbia, V3T 5S6, Canada; 413 - 522 Smith Avenue, Coquitlam, British Columbia, V3J 7X7, Canada; and 961 Shadywood Drive, Victoria, British Columbia, V8X 4H9, are the inventors of certain inventions or improvements described and claimed in United States Patent Application serial No. **10/730,599** filed 8 December 2003 and entitled:

FUEL CELL FLOWFIELD DESIGN FOR IMPROVED WATER MANAGEMENT

AND WHEREAS, **Palcan Fuel Cell Co. Ltd.**, a corporation duly organized under and pursuant to the laws of the Province of British Columbia, Canada, (hereinafter called the "Assignee) whose full post office address is 8658 Commercial Court, Burnaby, British Columbia, V5A 4N6, Canada, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements, and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW THEREFORE, in consideration of the sum of ONE HUNDRED (\$100.00) DOLLARS and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, the Assignors, do hereby, both jointly and severally, sell, assign, transfer and set over to the Assignee the entire right, title and interest in and to the said inventions or improvements and said application, and any and all continuations, divisions, renewals of or substitutes for said application, and in, to and

- Page 1 of 5 -

under any and all Letters Patent which may be granted on or as a result thereof, and any reissue or reissues of said Letters Patent; and WE assign to and authorize the Assignee to file in our names applications for Letters Patent for said inventions or improvements in all countries, the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us, had this assignment, sale and transfer not been made;

AND WE hereby covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed and will not execute any agreement in conflict herewith, and WE further covenant and agree that WE will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent, in the Assignee, its successors, assigns, nominees or legal representatives, and WE agree to communicate to the Assignee, or its nominees, all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives;

AND WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any official of any country or countries foreign to the United States of America whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, which may be issued and

EXECUTED at Burnaby, British Columbia this 11 day of March 2005.


Raymond Belanger

NOTARIAL CERTIFICATE

On this 11 day of March, 2005, before me, personally appeared Raymond Belanger, known to me to be one of the individuals who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.



Notary Public in and for the Province of British Columbia, Canada.My Commission does not expire.

Peter Yi
Barrister & Solicitor
333 - 4501 North Road
Burnaby, B.C. V3N 4R7
Tel: (604) 421-3669
Fax: (604) 421-6339

- Page 4 of 5 -

granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

EXECUTED at Burnaby, British Columbia this 11 day of March 2005.



John Jianyue Shen

NOTARIAL CERTIFICATE

On this 11 day of March, 2005, before me, personally appeared John Jianyue Shen, known to me to be one of the individuals who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.

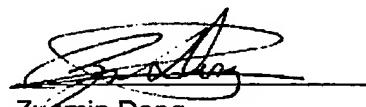


Notary Public in and for the Province of British Columbia, Canada.

My Commission does not expire.

Peter Yi
Barrister & Solicitor
333 - 4501 North Road
Burnaby, B.C. V3N 4R7
Tel: (604) 421-3669
Fax: (604) 421-6339

EXECUTED at Victoria, British Columbia this 22nd day of
March 2005.



Zuomin Dong

NOTARIAL CERTIFICATE

On this 22nd day of March, 2005, before me, personally appeared Zuomin Dong, known to me to be one of the individuals who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.



Michael D. Cooper

Notary Public in and for the Province of British Columbia, Canada.

My Commission does not expire.

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